



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**RBEM673V4001101-3**  
**Job Sheet 182785**



**Part No:** RBEM673V4001101-3

**Job Qty:** 1 ea

**Part Name:** Short Ring End



**Part Weight:** 0 lbs

**Status:** Scheduled

**Priority:** High

**Job Created:** 8/31/18

**Job Tracking No:**

**Due Date:** 9/4/18

**Created By:** Logan David

**Type:** SOLD

**Description:**

**Note:** DWG RBEM673V4001101 Rev. 2 IPP Rev. A 18.06.25 new issue DP Verify DD

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation  | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off                       |
|-------|------------|-------|------------|----------|-----------|---------|-----------------------|-----------|--------------------------------|
|       |            |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |                                |
| 100   | Purchasing | 1 pcs | 9/4/18     | 9/4/18   | 0.00      | 0.00    | Purchasing            |           | <i>[Signature]</i> OCT 15 2018 |
| 110   | Packaging  | 1 pcs | 9/4/18     | 9/4/18   | 0.00      | 0.00    | Packaging2            |           | <i>[Signature]</i> OCT 15 2018 |
| 120   | QC         | 1 pcs | 9/4/18     | 9/4/18   | 0.00      | 0.00    | QC6                   |           | <i>[Signature]</i> 38          |
| 130   | Packaging  | 1 pcs | 9/4/18     | 9/4/18   | 0.00      | 0.00    | Packaging3            |           | <i>[Signature]</i> 3-89        |
| 140   | QC21-FG    | 1 Ea  | 9/4/18     | 9/4/18   | 0.00      | 0.00    | QC21                  |           | <i>[Signature]</i> OCT 16 2018 |

Part Op 100 - Issue PO to P.J. MACHINAGE P/O: \_\_\_\_\_ MANUFACTURE RBEM673V4001101-3 AS PER DWG -  
Descriptions: Certificate of conformity is required

### Job BOM

| Part / Item        | Component Name                   | Quantity | Operation      | Container                  |
|--------------------|----------------------------------|----------|----------------|----------------------------|
| RBEM673V4001101-3P | Tail Servo Control Torque Wrench | 1 (1 ea) | 100-Purchasing | <i>[Signature]</i> 5118332 |

### Job Allocations

| Operation      | Component Part     | Required | Inventory | Allocated |
|----------------|--------------------|----------|-----------|-----------|
| 100-Purchasing | RBEM673V4001101-3P | 1        | 0         | 0         |

### Part Specifications

Specifications could not be found.

Plex 8/31/18 3:17 PM dart.logan.david



Container No: S118333



Part: RBEM673V4001101-3

Job No: 182785

Serial No/Batch: S118333

Revision: 2

Inspector:

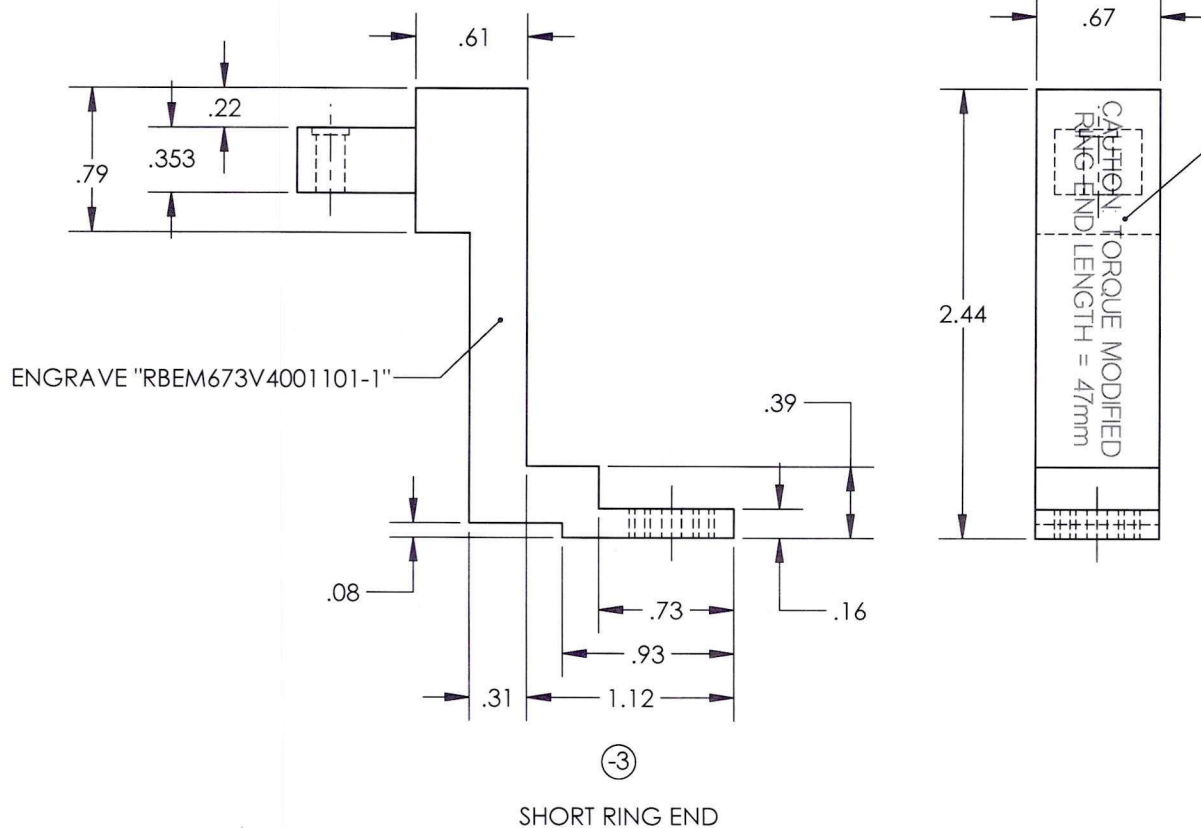
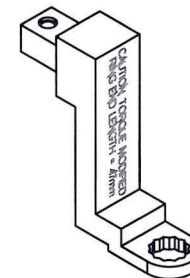
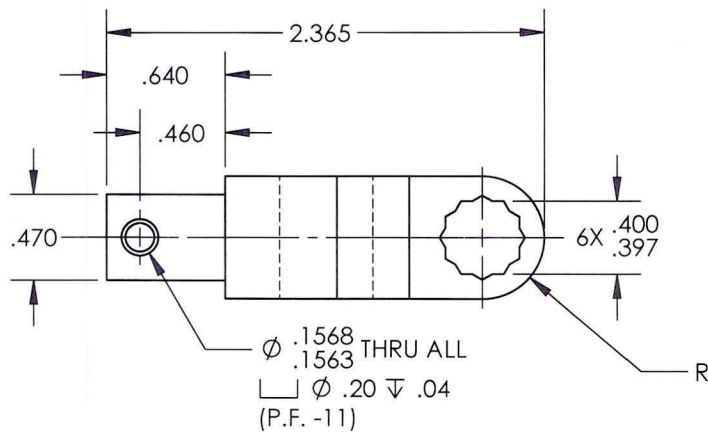
Exp Date:

Instructions:

Date: 10/15/18

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| REVISIONS |         |                                                                      |           |         |          |
|-----------|---------|----------------------------------------------------------------------|-----------|---------|----------|
| REV       | ECR     | DESCRIPTION                                                          | DATE      | INITIAL | APPROVED |
| 2         | 17-0008 | -3 CH'D ENGRAVE NOTE WAS "RBEM673V4001101-3" IS "RBEM673V4001101-1". | 4/14/2017 | RJC     | JAG      |



|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| <b>DART AEROSPACE</b>                     |                                                        |
| TITLE<br>TAIL SERVO CONTROL TORQUE WRENCH |                                                        |
| DWG NO.<br>RBEM673V4001101-3              | REV<br>2                                               |
| MAT'L 4140/4142                           | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |
| HEAT TREAT RC 38-42                       | .XXX $\pm .005$ FRACTIONS $\pm 1/8$                    |
| FINISH ZINC PLATE                         | .XX $\pm .01$ ANGLES $\pm 5^\circ$                     |
| SPEC ASTM B633 TYPE I SC 2                | .X $\pm .1$ SURFACES = 125                             |
| DRAWN BY: DUERFELDT                       | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R        |
| CHECKED: CLOUGH                           | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING           |
| OPPS APPR: ANDERSON                       | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009       |
| QA APPR: LINDSAY                          | USED ON MODEL                                          |
| APPROVED: GILBERT                         | H175                                                   |
| SCALE 1:1                                 | DATE 3/2/2016                                          |
| SHEET 3 OF 8                              |                                                        |



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# **PURCHASE ORDER** **PO041101**

**Supplier:** ARR002-VU  
Arrow Tech Machine Works  
29751 E. Enid Road,  
Unit C  
Eugene, OR 97402 USA  
Phone: 541-780-6938  
Fax: 458-215-4938

**PO No:** PO041101  
**PO Date:** 9/21/18  
**Due Date:** 10/16/18  
**Purchase Order**  
**Revision:**  
**Revision Date:**  
**Ship-To Contact:** Phone:

**Ship To:**

**Pymt Terms:** Net 30  
**Freight Terms:**  
**Special Comments:**

| Items               |     |                    |                  |         |                                  |        |         |             |                |                   |         |                  |                   |
|---------------------|-----|--------------------|------------------|---------|----------------------------------|--------|---------|-------------|----------------|-------------------|---------|------------------|-------------------|
| Line Item           | Job | Part               | Supplier Part No | Item No | Description                      | Status | Account | Due Date    | Order Quantity | Received Quantity | Balance | Unit Price (USD) | Extended Price    |
| 1                   |     | RBEM673V4001101-7P |                  |         | Tail Servo Control Torque Wrench | Firmed | -       | 10/16/18    | 1 Ea           | 0 Ea              | 1 Ea    | \$799.82/Ea      | \$799.82          |
|                     |     | 102707             |                  |         |                                  |        | 1X      | OCT 15 2018 |                |                   |         |                  |                   |
| 2                   |     | RBEM673V4001101-3P |                  |         | Tail Servo Control Torque Wrench | Firmed | -       | 10/16/18    | 1 Ea           | 0 Ea              | 1 Ea    | \$799.82/Ea      | \$799.82          |
|                     |     | 102705             |                  |         |                                  |        | 1X      | OCT 15 2018 |                |                   |         |                  |                   |
| <b>Grand Total:</b> |     |                    |                  |         |                                  |        |         |             |                |                   |         |                  | <b>\$1,599.64</b> |

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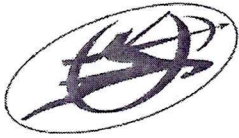
## Order Notes

Procurement Quality Clauses  
A005 RIGHT OF ENTRY  
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)  
A012 CHEMICAL AND PHYSICAL TEST REPORTS  
A016 PERSONNEL QUALIFICATION  
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)  
A026 CERTIFICATION OF MATERIAL CONFORMANCE  
A041 QUALITY MANAGEMENT SYSTEM  
A042 DART NOTIFICATION BY SUPPLIER  
A043 RETENTION OF QUALITY DOCUMENT  
  
A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM  
  
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 9/21/18 11:52 AM dart.Lussier.Patrick





**PHGE Machineworks dba  
Arrowtech Machineworks**  
29751 E Enid Rd. Unit C  
Eugene, Oregon 97402  
Phone: (541) 780-6938  
Fax: (458) 215-4938

## Packing Slip

NO. 286

Date: 10/12/2018  
PO Ref: 041101 ✓  
Ship via: Fedex Priority

Bill To:  
Dart Aerospace  
1270 Aberdeen St. Hawkesbury, ON  
CANADA K6A 1K7

Ship To:  
Dart Aerospace  
1271 Aberdeen St. Hawkesbury, ON  
CANADA K6A 1K8

**Qty**

**Item**

**Part No.**

1 ✓  
1 ✓

TAIL CONTROL TORQUE WRENCH  
TAIL CONTROL TORQUE WRENCH

RBEM673V4001101-7P  
RBEM673V4001101-3P

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Received by: \_\_\_\_\_

Packaged by: Q.E.

Checked by: W

Thank You



**ARROW TECH MACHINE WORKS**

## **Certificate of Conformance**

Your Purchase Order No:041101 ✓

Dated: 10/12/2018

Our Order / Job No:041101-DAWT1

Order Qty:1 ✓

Part Name:TAIL SERVO CONTROL TORQUE WRENCH

Part Number: RBEM673V4001101

Lot Size:N/A      Ship Date: 10/12/2018

We certify that these parts shipped to you are of domestic or international manufacture and conform to all requirements of the Purchase Order. These parts have been manufactured and inspected in accordance with all required specifications, instructions and drawings. Any applicable specifications are listed below:

Drawing Number:RBEM673V4001101 ✓      Rev:2

Material Size and Type:-3,-7/4140 STEEL

Material Specifications: STEEL: ASTM A108, ASTM A29

Heat Treatment:RC 39.1

Plating/Finish: ZINC PLATE:ASTM B633 TYPE I SC 2

**Mercury Contamination:** The material used to process this order has not come in contact with mercury or mercury bearing instruments.

Date: 10/12/18

Signed: Hemant M. Patel

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**PHGE Machine Works LLC dba Arrow Tech Machine Works**  
**29751 E. Enid Rd. Unit C Eugene, Oregon 97402**  
**Main: (541) 780-6938 | Fax: (458) 215-4938**  
**[www.atechmachineworks.com](http://www.atechmachineworks.com)**